

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2296
ANSWERED ON:10.03.2016
Processing of Waste Water for Power Plants
Khadse Smt. Raksha Nikhil

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) Whether the Government proposes to process and convert the waste water generated particularly in urban areas into usable water (need not be potable) which can be used by power plants like NTPC; if so, the details thereof;
- (b) Whether the Government has framed/proposes to frame any norms in this regard; and
- (c) If so, the details thereof?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): Yes Madam, as per clause 6.2(5) of the revised Tariff Policy notified on 28.01.2016 by the Ministry of Power, Government of India, the thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of municipality/local bodies / similar organization shall in the order of their closeness to the sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as a pass through in the tariff. Such thermal plants will also ensure back-up source of water to meet their requirement in the event of shortage of supply by the sewage treatment plant. The associated cost on this account shall be factored into the fixed cost so as not to disturb the merit order of such thermal plant. The shutdown of the sewage treatment plant will be taken in consultation with the developer of the power plant.

(b)&(c): The Manual on Sewerage and Sewage Treatment Systems, published by the Ministry of Urban Development in 2013, recommends norms/quality of treated sewage for various specified activities including industrial use. The typical guidelines for cooling water quality, as per the Manual, are given at Annexure.
